

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0018] with the following amended paragraph:

[0018] FIG. 10 is a view ~~similar to FIG. 7~~, taken along the line X-X in FIG. 9;

Please replace paragraph [0020] and [0021] with the following amended paragraphs:

[0020] FIG. 12 is a view ~~similar to FIG. 10~~, taken along the line XII-XII in FIG. 11;

[0021] FIG. 13 is a view ~~similar to FIG. 12~~, taken along the line XIII-XIII in FIG. 11;

Please replace paragraph [0024] with the following amended paragraph:

[0024] FIG. 15B is ~~a view similar to FIG. 8, another view showing the caulk~~er;

Please replace paragraph [0026] and [0027] with the following amended paragraphs:

[0026] FIG. 17 is a view ~~similar to FIG. 13~~, taken along the line XVII-XVII in FIG. 16;

[0027] FIG. 18 is ~~a view similar to FIG. 4, showing~~ shows the torque-detection-side and temperature-compensation-side surrounding members;

Please replace paragraph [0033] with the following amended paragraph:

[0033] Referring to FIGS. 2-10, torque sensor TS comprises a housing 1, an input shaft or shaft member ~~(first shaft member)~~ 2, an output shaft ~~(second shaft member)~~ 3, a torsion bar or elastic body 4, a member to be surrounded ~~(surrounded member)~~ 5, a torque-detection-side surrounding member or cylindrical member 6 which serves as a magnetic-path blocking part ~~and has a portion facing the surrounded member 5, a temperature-compensation-side surrounding member 7 which serves as a magnetic-path blocking part, a torque detection coil or first detection coil 8, a temperature compensation coil or second detection coil 9, a spacer 10, a base member 11, a disc spring 12, an output-shaft-side worm wheel 13, and a motor-shaft-side worm shaft 14.~~

Please replace paragraph [0045] with the following amended paragraph:

[0045] Spacer 10 is interposed between yoke member 80 of torque detection coil 8 and yoke member 90 of temperature compensation coil 9 to determine an axial clearance therebetween. Spacer 10 comprises inner and outer rings ~~20, 21~~₂₁, 20. Specifically, referring to FIGS. 6 and 7, spacer 10 is formed out of an aluminum-alloy material as non-magnetic metallic material, and comprises double cylinders having cylindrical outer ring 20 and cylindrical inner ring 21 press fitted therein along the inner peripheral surface. Outer ring 20 has a thickness smaller than that of inner ring 21, and a width W greater than a width W1 of inner ring 21. On the other hand, inner ring 21 is shaped like a simple cylinder, and is press fitted into outer ring 20 in the vicinity of the lower end of an inner peripheral surface 20a. Inner ring 21 has an upper end formed with an annular stepped face 21a to axially position and engage stationary flange part 80d of yoke member 80, and a lower end formed with an annular stepped face 21b to axially position and engage stationary flange part 90d of yoke member 90. Thus, the axial length of inner ring 21 between annular stepped faces 21a, 21b defines an axial positional relationship between torque detection coil 8 and temperature compensation coil 9.

Please replace paragraph [0075] with the following amended paragraph:

[0075] Furthermore, before caulking surrounding member 6 to input shaft 2, operation to be carried out is to loosely fit inner-periphery-side cylinder 60 to the outer periphery of input shaft 2, and no press-fit operation is required, obtaining sure prevention of plastic deformation and the like of inner-periphery-side cylinder 60, resulting in restraint of a reduction in detection accuracy obtained by torque sensor TS. The loose fit is obtained by having a clearance 60c between the inner surface of cylinder 60 and outer surface of shaft 2, as illustrated in Figs. 20A-

20D, respectively, in between the respective caulked portions 60a, disposed around the circumference of the cylinder 60 (see also, FIG. 11 and 14). The clearance is more than a simple tolerance for a press fit, and allows the cylinder 60 to slip over the shaft during assembly to accomplish an object of the invention.